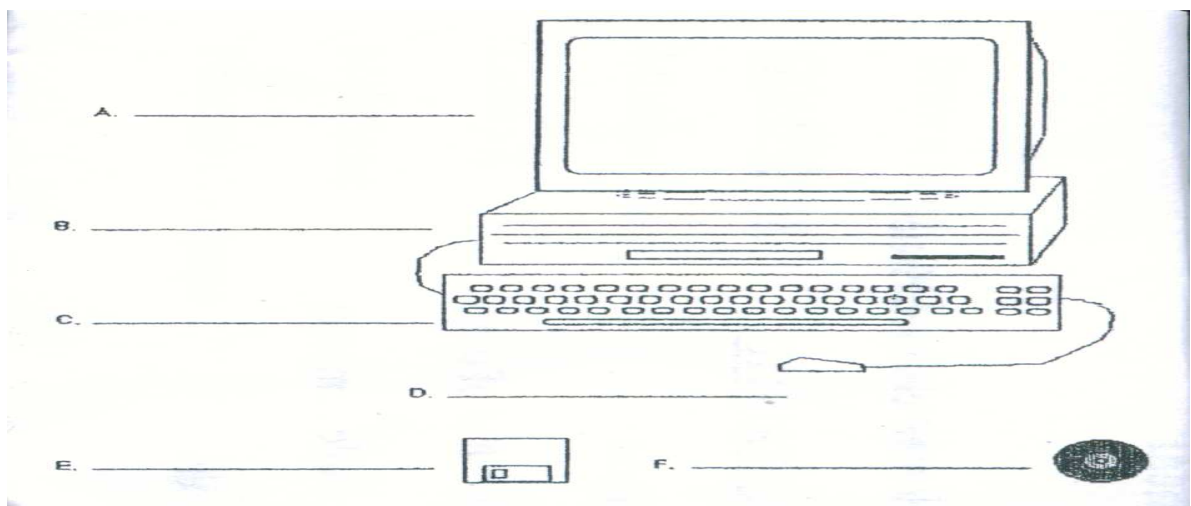


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**TIME: 1 ½ hour**

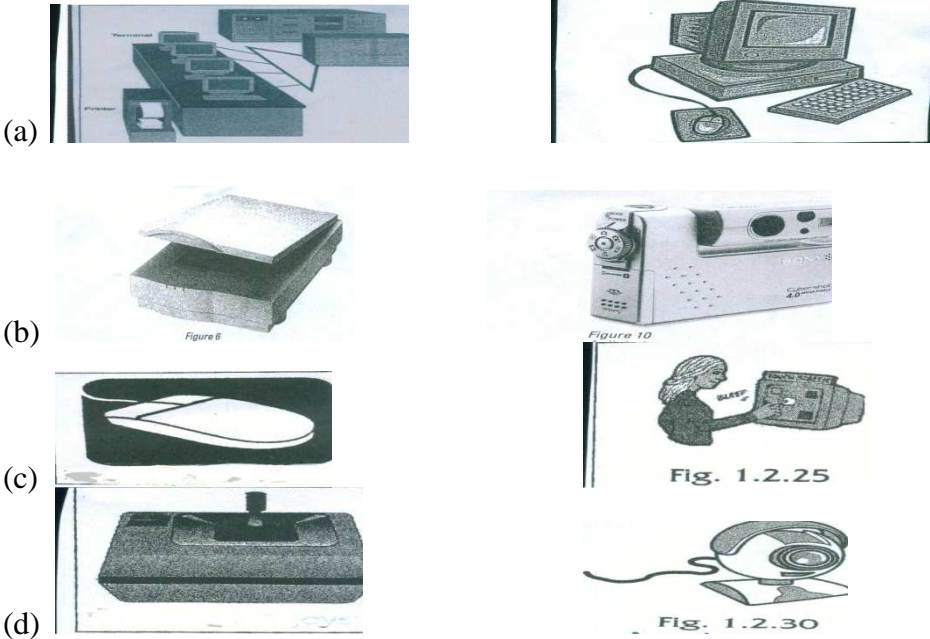
**USE THE ANSWER SHEET PROVIDED TO ANSWER ALL QUESTIONS**

1. (i) *12, Aries, Samantha, beautiful.* (ii) *Samantha is a twelve (12) years old of the sign Aries. She is a beautiful girl.* The statements in (i) and (ii) are examples of what:  
(a) Data and information ; (b) Information and Software;  
(c) Hardware and data; (d) Information and Data.
2. *Input devices* are used to get data and instructions into the computer for processing. The data and instructions are sent to the CU then the ALU. The CU and ALU are parts of:  
a. Peripherals; b. Arithmetic Logic Unit;  
c. Central Processing Unit d. Information.
3. Computer are vey accurate. However, my monitor shows these **symbols** ( $\infty$  ☺ &  $\beta$  ®) when I use my favourite program. This is because there is an error in:  
(a) Hardware; (b) Data;  
(c) Software; (d) Speed.
- 4 The Supercomputer and the Mainframe Computer is also known as:  
(a) Monster and Large; (b) Small and Mini;  
(c) Large and Small; (d) Mini and Laptop.
- 5 This type of computer is used to control ATM, print WASA, T&TEC and TSTT bills:  
(a) Supercomputer (b) Mini;  
(c) PC (d) Mainframe.
- 6 Microcomputers come in different shapes, sizes and colours. It is a single user computer and some popular brands are Gateway and Compaq. It is also known as:  
(a) PC and Small; (b) Mini and PC;  
(c) Desktop and Large (d) Large and Small.
7. Computers were classified based on their performance, which affected their physical size and cost. This is difficult to do today, because of what?  
(a) Large computers of yesterday outperforms newer computers;  
(b) Advances in technology;  
(c) Computers of today supports multiple users;  
(d) Computers can only be used by a single user.
8. Enter the correct name for the different parts of the Personal Computer on the answer sheet provided:



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9. Which of the pictures below are types of computers?

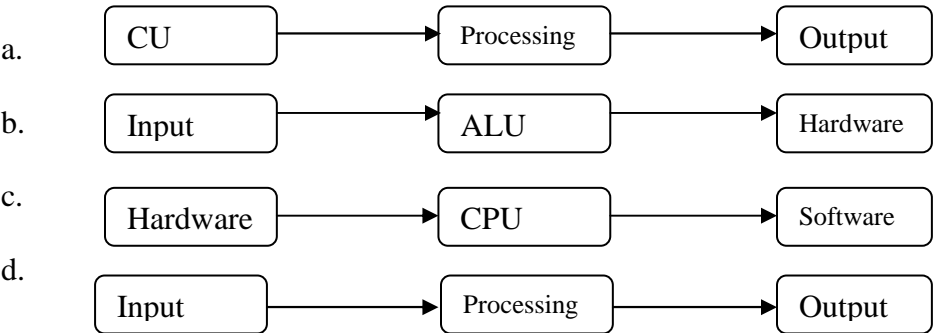


10. The two (2) types of computers shown below are:



- (a) Minicomputer and Microcomputer      (b) Personal Computer and Mainframe;  
(c) Supercomputer and Mini              (d) Mainframe and Supercomputer.

11. **Processing** data goes through three (3) stages. They are:



12. The difference between an **Input Device** and an **Output Device** is:

- a. Output devices perform all the arithmetic and logic functions;
- b. Input devices are used to enter data and instructions into the computer, while output devices display information processed by the computer.
- c. Input devices are the main part of the CPU and Output devices decides where to send data to be processed.
- d. Input devices process data and Output devices produce information.

13. What is the difference between Hardware and Software?

- a. Hardware is data and Software is peripherals;
- b. Hardware is information and Software is input;
- c. Hardware is all physical devices attached to the computer and Software is a set of instructions the computer use to carry out a task;
- d. Hardware is processing data and Software is displaying information.

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14. Monitor, Tower, Keyboard, Mouse, Speakers, and Printer are parts of the:
- |                             |                          |
|-----------------------------|--------------------------|
| a. Central Processing Unit; | b. Stages of Processing; |
| c. Personal Computer;       | d. Mainframe.            |
15. The acronym **PC** stands for:
- |                     |                       |
|---------------------|-----------------------|
| a. Private Company; | b. Personal Computer; |
| c. Personal Center; | d. Purpose Control.   |
16. Data is raw facts and figures. It has:
- |  |                         |
|--|-------------------------|
| a. Meaning attached to it;                 | b. No meaning;          |
| c. To process data to produce information; | d. To carry out a task. |
17. The **CPU** has two (2) smaller units. They are:
- |  |                                 |
|--|---------------------------------|
| a. Input and Processing;                   | b. Hardware and Software;       |
| c. Control Unit and Arithmetic Logic Unit; | d. Main Memory and Information. |
18. Peripherals is another name for:
- |                       |                  |
|-----------------------|------------------|
| a. Hardware;          | b. Software;     |
| c. Personal Computer; | d. Control Unit. |
19. Monitor, Tower, Keyboard, Mouse, Speakers, and Printer are types of the:
- |                 |              |
|-----------------|--------------|
| a. Software;    | b. Storage;  |
| c. Information; | d. Hardware. |
20. Four (4) advantages of using a Computer are:
- a. Output, Input, Processing and Storage;
  - b. Speed, Accuracy, Stores large amounts of data and Works Continuously;
  - c. Main Memory, Secondary Storage, CPU and ALU;
  - d. Data, Information, Numbers and Pictures.
21. Output devices display information in a form users can understand. An example of an Output device is:
- |             |              |
|-------------|--------------|
| a. Printer; | b. Keyboard; |
| c. Speed;   | d. Mouse.    |
22. Which type of computer is used by multiple users?
- |                       |                  |
|-----------------------|------------------|
| a. Personal Computer; | b. Minicomputer; |
| c. Supercomputer;     | d. Mainframe.    |
23. A homeowner would like to buy a computer for their home. Which computer would you recommend?
- |                         |                     |
|-------------------------|---------------------|
| a. A Personal Computer; | b. A Mini;          |
| b. A Monster            | d. A Supercomputer. |
24. Which type of computer has terminals which include a monitor, keyboard and a wire that connects the terminal to the computer system?
- |                    |                      |
|--------------------|----------------------|
| a. Minicomputer;   | b. Large Computer;   |
| c. Small Computer; | d. Monster Computer. |
25. Which type of computers are known as Small and Medium?
- |                       |                      |
|-----------------------|----------------------|
| a. Monster and Large; | b. Monster and PC;   |
| c. Mini and PC;       | d. Mini and Monster. |

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**PLEASE DETACH THIS SHEET AND ATTACH IT TO YOUR ANSWER SHEET.**  
**PLEASE ENSURE YOU ENTER YOUR NAME AND FORM IN THE SPACE PROVIDED ON**  
**THE ANSWER SHEET.**

**NAME:** ..... **FORM:** .....

**WORD LIST:**

Personal	Mainframe	Processing	Microcomputers
Supercomputers	Minicomputer	Laptops	Sub-Notebook
Electronic	Main Memory	Palmtop	Secondary
Arithmetic	Central	Unit	Logic
Computers	Hardware	Software	Information

**Use the words in the Word List to complete the following sentences:**

1. The \_\_\_\_\_ holds data and instructions.
2. \_\_\_\_\_ fits in the palm of your hand.
3. \_\_\_\_\_ are very large powerful computers.
4. These computers are used by a single user at one time \_\_\_\_\_.
5. \_\_\_\_\_ are portable computers.
6. The \_\_\_\_\_ is a type of laptop computer, weighs 2-4 kg and is the size of a thick notebook.
7. Another type of laptop is the \_\_\_\_\_.
8. \_\_\_\_\_ are used to store appointments, address and phone numbers.
9. The \_\_\_\_\_ is made up of the CU and ALU.
10. The \_\_\_\_\_ is a part of the CPU.
11. The \_\_\_\_\_ computer is another name for \_\_\_\_\_.
12. The \_\_\_\_\_ is the largest fastest and most powerful computers.
13. Data is turned into \_\_\_\_\_ when processed.

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14. \_\_\_\_\_ and \_\_\_\_\_  
\_\_\_\_\_ are terms used when studying Information Technology.

**WRITE COMPLETE SENTENCES TO ANSWER THE FOLLOWING QUESTIONS.**

1. Name the two (2) Input devices that are used in drawing, design and engineering?
2. Give a definition for a barcode and Name the device used to read them?
3. What is a Smart Card used for and state its difference from an ATM debit card?
4. Which input system used individual body characteristics such as fingerprints and retina to identify persons – the Biometric System or Voice Recognition?
5. Name two (2) Impact and Non-Impact printers?
6. What is the difference between Hardcopy and Softcopy?
7. Give the definitions for PROM and EPROM?
8. Give the meaning for the following units of storage- MB, KB, GB and TB?
9. Which primary storage is filled after the computer has been turned on and is given something to do- RAM or ROM?
10. Which ROM chip is programmed once and then becomes ROM – PROM or EPROM?